

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Berndt B. Bruegger

Continuation of Serial No.: 09/645,786

Filing Date: August 24, 2000.

For: REAGENT AND TEST
CARTRIDGE FOR DETERMINING
CLOTTING TIME.

Examiner: Unassigned

Group Art Unit No.:

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on the attached Form PTO-1449 and Form PTO-892 documents from the Parent Application be considered by the Examiner and made of record. Copies of the listed documents to the extent that they are required by 37 C.F.R. § 1.98 are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. § 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed prior to the receipt of the first Official Action reflecting an examination on the merits and hence is believed to be timely

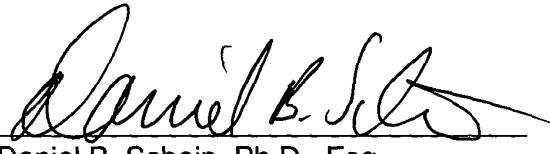
filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicant(s) respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

28 September 2003

Date


Daniel B. Schein, Ph.D., Esq.
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Notice of References Cited

Application/Control No.

09/645,786

Applicant(s)/Patent Under

Reexamination

BRUEGGER, BERNDT B.

Examiner

Maureen M. Wallenhorst

Art Unit

1743

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,314,695	05-1994	Brown, Scott M.	424/450
	B	US-5,625,036	04-1997	Hawkins et al.	530/381
	C	US-6,083,757	07-2000	Griffin et al.	436/69
	D	US-6,100,072	08-2000	Brucato et al.	435/69.7
	E	US-6,183,979	02-2001	Lee et al.	435/13
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

FORM PTO-1449		SERIAL NO. 09/645,786	CASE NO. 9793-52
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)		FILING DATE August 24, 2000	GROUP ART UNIT Unassigned
		APPLICANT(S): Berndt B. Bruegger	

Ber

REFERENCE DESIGNATION

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
N/A					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
	A55 PCT/US00/23249	12/21/01	PCT International Preliminary Examination Report		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
N/A		

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
	A48 WO 96/15457	5/23/96	PCT			
	A49 2,096,212	5/13/93	Canada		X	
	A50 0 123 883	11/7/84	Europe			X
	A51 0 394 070	10/24/90	Europe		X	
	A52 0 570 356	11/18/93	Europe			X
	A53 PCT/US00/23249	8/24/00	PCT Search Report			

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A54	PCT/US00/23249	8/24/00	PCT Written Opinion		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
A1	4,666,831	05/19/87	Janoff et al.		
A2	4,672,030	06/09/87	Witt		
A3	4,755,461	07/05/88	Lawson et al.		
A4	4,756,884	07/12/88	Hillman et al.		
A5	4,946,775	08/07/90	Yin		
A6	5,039,617	08/13/91	McDonald et al.		
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A8	5,401,663	03/28/95	Yonemura		
A9	5,443,959	08/22/95	Kikuchi et al.		
A10	5,472,852	12/05/95	Smirnov et al.		
A11	5,506,112	04/09/96	Lang et al.		
A12	5,512,304	04/30/96	Barrow et al.		
A13	5,550,028	08/27/96	Lee et al.		
A14	5,705,395	01/06/98	Griffin et al.		
A15	5,770,699	06/23/98	King		
A16	5,834,223	11/10/98	Griffin et al.		

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A17	1,250,213	02/21/89	Canada		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
A18	Bach, R. R. "Initiation of Coagulation By Tissue Factor"; CRC Critical Reviews in Biochemistry, 1988, Vol. 23, No. 4, pp. 339-368.	
A19	Gailani, D.; Broze, Jr., G. J. "Factor XII-Independent Activation of Factor XI in Plasma: Effects of Sulfatides on Tissue Factor-Induced Coagulation"; Blood; 1993, Vol. 82, No. 3, pp. 813-819.	
A20	Gomperts, E. D.; Zucker, M. L. "Heparin, Brain Thromboplastin and the Insensitivity of the Prothrombin Time to Heparin Activity"; Thrombosis Research; 1977, vol. 12, pp. 105-117.	
A21	Hattersley, P. G. "Activated Coagulation Time of Whole Blood"; JAMA; 1966, Vol. 196, No. 5, pp. 150-154.	
A22	Kyogashima, M.; Onaya, J.; Hara, A.; Taketomi, T. "Contradictory Functions of Sulfatide in the Blood Coagulation System as Coagulant and Anticoagulant"; Acta Biochimica Polonica; 1998, Vol. 45, No. 2, pp. 493-499	

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	A23	Kyogashima, M.; Onaya, J.; Hara, A.; Taketomi, T. "Sulfatide Can Markedly Enhance Thrombogenesis in Rat Deep Vein Thrombosis Model"; <i>Glycoconjugate Journal</i> ; 1998, Vol. 15, pp. 915-922.
	A24	Lehninger; <i>Biochemistry, 2nd Edition</i> ; Worth Publishers, New York, 1975, pp. 287-291.
	A25	Mungall, D. R.; Wright, J. "Summary Report: Performance Evaluation of the CoaguChek™ Plus Coagulation System for Determination of the Prothrombin Time Test"; 1995, Boehringer Mannheim Corporation, Indianapolis, pp. 1-8
	A26	Naito, K.; Fujikawa, K. "Activation of Human Blood Coagulation Factor XI Independent of Factor XII"; <i>The Journal of Biological Chemistry</i> ; 1991, Vol. 266, No. 12, pp. 7353-7358.
	A27	Paborsky, L. R.; Tate, K. M.; Harris, R. J.; Yansura, D. G.; Band, L.; McCray, G.; Gorman, C. M.; O'Brien, D. P.; Chang, J. Y.; Swartz, J. R.; Fung, V. P.; Thomas, J. N.; Vehar, G. A. "Purification of Recombinant Human Tissue Factor"; <i>Biochemistry</i> ; 1989, Vol. 28, No. 20, pp. 8072-8077.
	A28	Rehemtulla, A.; Pepe, M.; Edgington, T. S. "High Level Expression of Recombinant Human Tissue Factor in Chinese Hamster Ovary Cells as a Human Thromboplastin"; <i>Thrombosis and Haemostasis</i> ; 1991, Vol. 65, No. 5, pp. 521-527.
	A29	Schousboe, I.; Rasmussen, M. S. "The Effect of β_2 -Glycoprotein I on the Dextran Sulfate and Sulfatide Activation of the Contact System (Hageman Factor System) in the Blood Coagulation"; <i>Int. J. Biochem.</i> ; 1988, Vol. 20, No. 8, pp. 787-792.
	A30	Scott, C. F.; Colman, R. W. "Fibrinogen Blocks the Autoactivation and Thrombin-Mediated Activation of Factor XI on Dextran Sulfate"; <i>Proc. Natl. Acad. Sci. USA</i> ; <i>Biochemistry</i> ; 1992, Vol. 89, pp. 11189-11193.
	A31	Shimada, T.; Sugo, T.; Kato, H.; Yoshida, K.; Iwanaga, S. "Activation of Factor XII and Prekallikrein with Polysaccharide Sulfates and Sulfatides: Comparison with Kaolin-Mediated Activation"; <i>J. Biochem.</i> ; 1985, Vol. 97, No. 2, pp. 429-439.
	A32	Tans, G.; Griffin, J. H. "Properties of Sulfatides in Factor-XII-Dependent Contact Activation"; <i>Blood</i> ; 1982, Vol. 59, No. 1, pp. 69-75.
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	A34	Tans, G.; Griffin, J. H. "Initiation of Contact Activation by Sulfatides"; <i>Adv. Exp. Med. Biol.</i> ; 1983, Vol. 156, pp. 63-72.
	A35	Tans, G.; Verkleij, A. J.; Yu, J.; Griffin, J. H. "Sulfatide Bilayers as a Surface for Contact Activation in Human Plasma"; <i>Biochemical and Biophysical Research Communications</i> ; 1987, Vol. 149, No. 3, pp. 1002-1007.
	A36	Abstract of: Aiyappa, P. A. "Chromogenic Substrate Spectrophotometric Assays for the Measurement of Clotting Function"; <i>Ann. N. Y. Acad. Sci.</i> ; 1981, Vol. 370, 812-821.
	A37	Abstract of: Bader, R.; Mannucci, P. M.; Tripodi, A.; Hirsh, J.; Keller, F.; Solleeder, E. M.; Hawkins, P.; Peng, M.; Pelzer, H.; Teijidor, L.M. et al. "Multicentric Evaluation of a New PT Reagent Based on Recombinant Human Tissue Factor and Synthetic Phospholipids"; <i>Thromb. Haemost.</i> ; 1994, Vol. 71, No. 3, pp. 292-299.

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	A38	Abstract of: Hara, A.; Kutsukake, Y.; Uemura, K. I.; Taketomi, T. "Anticoagulant Activity of Sulfatide and its Anti-Thrombotic Effect in Rabbit"; <i>J. Biochem. (Tokyo)</i> ; 1993, Vol. 113, No. 6, pp. 781-785.
	A39	Abstract of: Sakai, T.; Kisiel, W. "Formation of Tissue Factor Activity Following Incubation of Recombinant Human Tissue Factor Apoprotein with Plasma Lipoproteins"; <i>Thromb. Res.</i> ; 1990, Vol. 60, No. 3, pp. 213-222.
	A40	Abstract of: Scarpati, E. M.; Wen, D.; Broze, Jr., G. J.; Miletich, J. P.; Flandermeyer, R. R.; Siegel, N. R.; Sadler, J. E. "Human Tissue Factor: cDNA Sequence and Chromosome Localization of the Gene"; <i>Biochemistry</i> ; 1987, Vol. 26, No. 17, pp. 5234-5238.
	A41	"PT Test Cartridges"; Package Insert, Mannheim Boehringer Corporation, 1994.
	A42	"APTT Test Cartridges"; Package Insert, Mannheim Boehringer Corporation, 1994.
	A43	"Activated THROMBOFAX® Reagent-Optimized", Package Insert, Hemoliance.
	A44	Abstract of: JP Patent No. 10072355 A; "Influenza Virus Adsorption Inhibitor"; assigned to Snow Brand Milk Prod. Co. Ltd., Suzuki T (Suzu-I), and Suzuki Y (Suzu-I).
	A45	Abstract of: JP Patent No. 62283934 A; "Liposome Prepn. Contg. Interferon"; assigned to Vitamin Kenkyusho K (Vita-N).
	A46	Abstract of: EP Patent NO. 226370 A; "Adriamycin Entrapping Liposome Prepn. For Improved Antitumor Use"; assigned to Inst. App. Biochem. (Bioc-N), Oyo Seikagaku Kenkyusho KK (Oyos-N), and Vitamin Kenkyusyo KK (Vita-N).

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